

# EasyTrak

A PIC Based Rotor/Radio Controller Interface

Steven Bible, N7HPR

Tucson Amateur Packet Radio, Inc.

**ARRL and TAPR**  
Digital Communications Conference

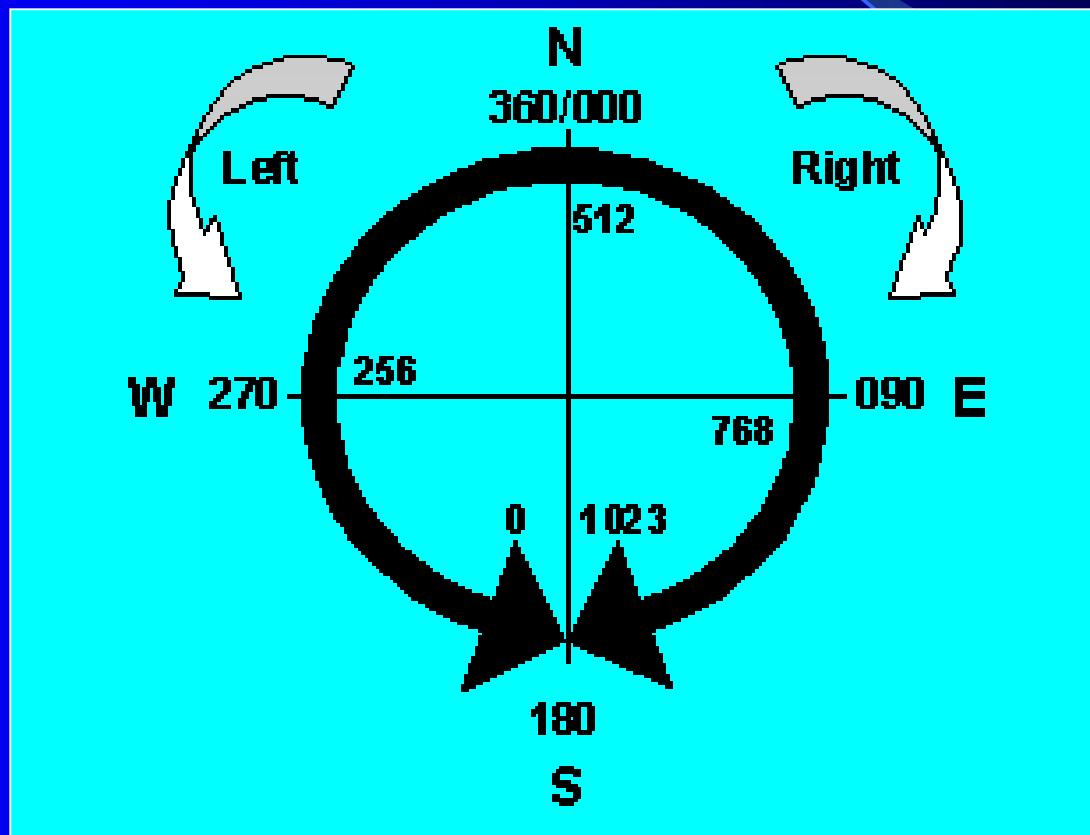


American  
Radio  
Relay  
League

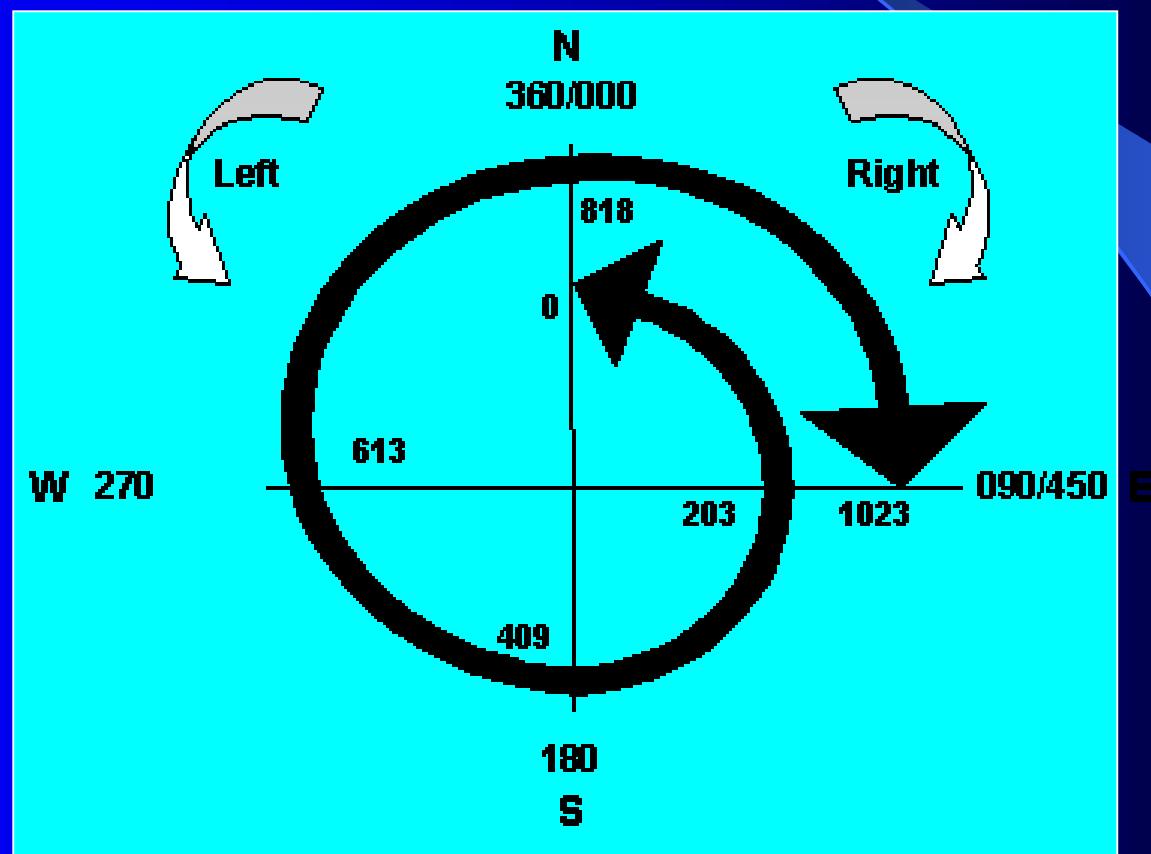


Tucson  
Amateur  
Packet  
Radio

# South Mechanical Stop



# North Physical Stop Yaesu G5500

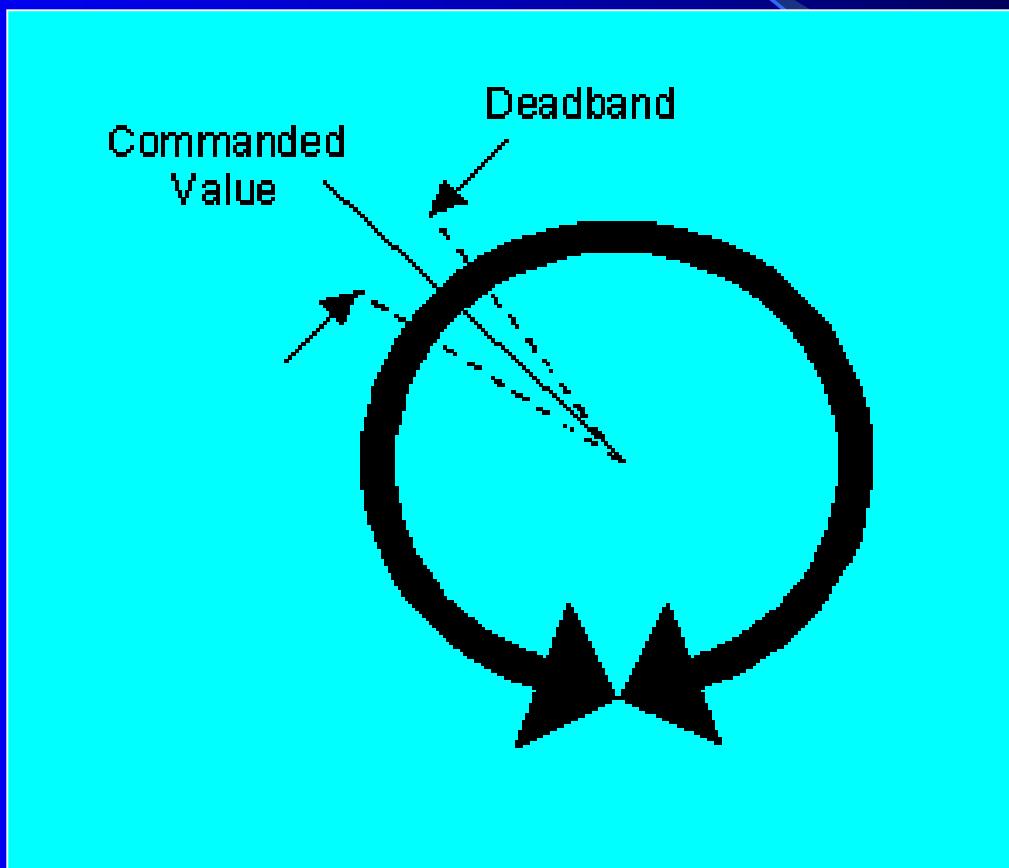


# 10-bit ADC

$$\frac{5\text{volts}}{1023\text{units}} = 4.9 \text{ millivolts per unit}$$

$$\frac{5\text{volts}}{360\text{ deg}} = 13.8 \text{ millivolts per deg}$$

# Deadband



# KE6JAB EasyTrak

